

Physicochemical Investigations on Irradisted Proteins
(Communication V), by A. Fernau, M. Speigel-Adolf,
20 pp.

GERMAN, per, Biochem Z, Vol XCIV, 1929, pp 14-27.

S.L.A. Tr 57-420

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Sci - Chemistry
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Regarding the Behavior of Insulin in the Presence of
X-Ray, Radium, and Ultraviolet Radiation, by D. Hoed,
S. E. de Jongh, A. E. J. Peck, 15 pp.

GERMAN, per, Biochem Z. Vol CCV, 1929, pp 144-153, ^e

S.L.A. Tr 57-388

Sci - Chemistry
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Hydrolysis of Proteins by Ammonia Under Pressure
Preparation of Peptone, by W. S. Sandikow, 8 p.

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SLA 60-10467

Sci
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Radium Content of Some Foodstuffs, by E. BARKER,
M. Schapiro, K. Bronstein, 3 pp.

GERMAN, par, Biochem Z, Vol ~~7~~ CCXII, 1939,
pp 323-325.

NIH 10-13-61

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Recd - Med

Jan 52

Physicochemical Investigations on Irradiated
Proteins. Communication VI. Additional
Studies on the Spectroscopic and Biological
Detection of Changes Caused by Light in
Proteins, by M. Spiegel-Adolf, Z. Oshima,
25 pp. ^

GERMAN, per, Biochem Z., Vol CCVIII, 1929, I
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Sci - Chemistry
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Physicochemical Investigations on Irradiated Proteins. Communication VII. A Comparison of the Absorption Power in Ultraviolet of Ser- and Oval-Bumins Which Were Denatured by Means of Heat, Ultraviolet, Radium, and X-Ray Radiation, by M. Spiegel-Adolf, O. Krumpel, 25 pp.

GERMAN, per, Biochem Z, Vol CCVIII, 1929, pp 45-49.

48, 838

S.L.A. Tr 57-287

Sci - Chemistry
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On the Enzymatic Activity of ...
Koldajew, Piku, 13 pp.

~~SHAMMAN~~
~~RUBENSON~~, per, Biochem Z, Vol CCXII, pp 51-60.

SLA R-4947

Sci - Med
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Sterility. Paper VIII, by M. Spiegel-Adolf,
K. F. Pollaczek, 20 pp.

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Sci - Chemistry
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Carbohydrate Content of the Most Important Proteins of
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Quantitative Determination of Nitrogen-free Sugar in
Protein, by J. Tillmans, K. Philippi. 12 pp.

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pp. 37-42.

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June 54 CTS

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Study of Nitrogen Containing Compounds of Tobacco
Smoke, by A. V. Koperina, 11 pp.

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The Action of the Shortwave Rays on Proteins.
Communication I., by B. Rajewsky, 17 pp.

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Sci - Chemistry
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Jong, H. G. Bungenberg de and Dekkar, W. A. I.
STUDIES ON COMPLEX COACERVATION. IV. THE
BEHAVIOR OF DROPS OF COMPLEX COACERVATE
IN AN ELECTRICAL FIELD. [1963] 7p. (figs. tables
omitted) 8 refs.

Available on loan from SLA

63-16535

Trans. of Biochemische Zeitschrift (Germany) 1960,
v. 221, p. 403-411.

DESCRIPTORS: *Colloids, Separation, Electric fields,
*Electrophoresis, Decomposition.

(Chemistry-Physical, FT, v. 10, no. 3)

63- 6535

- I. Title: Coacervation.
- I. Jong, H. G. B. de
- II. Dekkar, W. A. I.
- III. Title: Behavior ...

Office of Technical Services

The Effects of Shortwave Rays Upon Proteins.
Communication II. Regarding the Dependence of the
Reaction of Protein Upon the Intensity of Radiation
in Ultraviolet, by Gentner and Schwerin, 24 pp.

GERMAN, Ger, Biochem Z, Vol CCXXXVIII, 1930, pp 286-
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Sci - Chemistry
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Regarding the Separation of Iodine and Bromine
From Iodized or Brominated Protein by Means of
Irradiation, by F. Lieben, G. Ehrlich, 9 pp.

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Sci - Chemistry
Jun 57

48, 829

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GERMAN, per, Biochemische Zeitschrift, Vol CCXXII,
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NIH

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Jong, H. G. Bungenberg de and Kass, A. J. W.
[STUDIES ON] COMPLEX COACERVATION. V
RELATIVE DISPLACEMENT IN A DIRECT-CURRENT
FIELD OF LIQUID INCLUSION IN COMPLEX
COACERVATE DROPLETS. [1963] 6p. (figs. 1 table
omitted) 4 refs.
Order from SLA \$1.10

63-16536

Trans. of Biochemische Zeitschrift (Germany) 1931,
v. 232, p. 338-345.

DESCRIPTORS: *Colloids, Drops, *Electrophoresis,
Electric fields, Direct current, Hydrogen ion concen-
tration, *Membranes, *Morphology.

(See also 63-16535)

(Biological Sciences--Biochemistry, TT, v. 10, no. 7)

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I. Title: Coacervation
1. Jong, H. G. B. de
II. Kass, A. J. W.
III. Title: Relative ...

Office of Technical Services

Regarding Decomposition of Cystine and Cysteine by
Means of Irradiation, by F. Lieben, E. Molnar, 11 pp.

GERMAN, per, Biochem Z. Vol CXXXI, 1931, p 347.

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Sci - Chemistry
Jun 57

48, 815

Acetate-Veronal Buffer, by L. Michaelis.

GEHMAN, per, Biochemische Z, Vol CCXXXIV,
1911, pp 139-141.

CSIRO/No 628)

Sci-Chem

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Bodnar, J. and Barta, L.
DECOMPOSITION OF NICOTINE IN TOBACCO BY
BACTERIA. [1962] 11p.
Order from K-H \$13.00 K-H 4034

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1931, v. 233, p. 311-317.

DESCRIPTORS: Decomposition, Tobacco, Bacteria,
Nicotine.

- I. Bodnar, J.
- II. Barta, L.
- III. K-H-4034
- IV. Kresge-Hooker Science
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Detroit, Mich.

(Unimpaired)

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Microdetermination of the Reduced and Total Glutathione in the Liver, by J. Kuhnau.

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Of Some Trimethylammonium Bases With Permanganate,
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Dep 67

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Preparation of Adenylypyrophosphoric Acid From
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GERMAN, per, Biochem Zeit, 1931, Vol CCXXXII,
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SLA 60-10469

Sci
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Vol III, No

On the Influence of the So-Called "Acidic" and
"Basic" Food on the Fate of Aromatic Substances
in the Organism, by A. E. Braunstein, et al.

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berg, 1931, pp 311-352.

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US Bur of Mines
Central Experiment Station
Pittsburgh, Pa.

Sci - Chem

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May 59

Regarding the Splitting Off of Ammonia From Amino
Acids and Other Substances in the Light of the
Quartz Lamp, by F. Lieben, F. Urban, 15 pp.

GRONMAN, per, Biochem Z, Vol CCXXXIX, 1931, pp 250-
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Sci - Chemistry
Jun 57

48, 812

The Occurrence of Methylated Nitrogen Compounds
in Sewage (II) and Some Feeding Experiments With
Trimethylamine Carried Out on Cold-Blooded Animals,
by Margine Kapeller-Adler, F. Vering.

Full translation.

GERMAN, per, Biochem Zeitschrift, Vol 243 , 1931,
pp 292-309.

Bova Scotia No 181

Scientific - Biology

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Field 6A, 2E

Seekles, L.; Sjollem, B.; Kaay, F. C. van der.
THE MODE OF ACTION OF CALCIUM. III. THE ANTA-
GONISTIC ACTION OF CALCIUM AND MAGNESIUM ON
THE HEART OF CATTLE WITH DISTURBED MINERAL
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Calciums, III. Mitteilung: Die Antagoni-
stische Herzwirkung von Calcium und Magnesium bei Rindern
mit gestörtem Mineralen Regulierungsmechanismus). 6p,
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Order from SLA: \$1.10 as TT-65-12611

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1932.

I. Seekles, L.,
II. Sjollem, B.,
III. Kaay, F. C. van der
IV. Title: Antagonistic ...

MI 636

TT-65-12610

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Seekles, L.; Sjollem, B.; Kaay, F. C. van der.
 THE MODE OF ACTION OF CALCIUM. V. THE ANTO-
 NOMIC EQUILIBRIUM IN CATTLE IN RELATION TO THE
 COMPOSITION OF THE BLOOD SERUM IN EXPERIMENTAL
 AND PATHOLOGICAL HYPOCALCEMIA. A CONTRIBUTION
 TO THE KNOWLEDGE OF THE TOXIC EFFECT OF OXALIC
 ACID AND CITRIC ACID SALTS AFTER INTRAVENOUS
 INJECTION (Die Wirkungsweise des Calciums. V. Mitteilung:
 Das Autonome Gleichgewicht im Rinderorganismus in
 Beziehung zu der Zusammensetzung des Bluteserums bei
 Experimenteller und Pathologischer Hypokalzaemie. Ein
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 18p, Trefa.

Order from SLA: \$1.60 in TT-65-12610

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- I. Seekles, L.
- II. Sjollem, B.
- III. Kaay, F. C. van der
- IV. Title: Antonomic ...
- V. Title: Contribution ...

MF 635

Studies on Coenzyme Activity, II. Chemistry of
Adenosinetriphosphoric Acid, by H. K. Barrenscheen,
Wilhelm Foltz, 2 p.

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SLA 60-10470

Sci
Apr 60
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Researches in Trimethylammoniumbases A Method
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by W. Lintzel, Pomin.

GERMAN, per, Biochem Z. No 238, 19 1, 450

QB 352/5

GB 362/4

Sci -

Aug 67

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Crystalline Myoglobin. I. Crystallization and
Purification of Myoglobin, by A. Theorell, T. Hugo,
14 pp.

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SLA 60-10461

Sci -
Jan 60
Vol III, No 5

119,094

Regarding a New Reaction for the Qualitative and
Quantitative Determination of Phenyl-Alanine, by
H. Kapeller-Adler, 21 pp.

1932, per, Biochem Z, Vol CCXII, 1932, pp 185-200.
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S.L.A. Tr 57-401

Sci - Chemistry
Jun 57 GTS

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Improvements on the Photochemical Methods for Investigating the Oxygen-Transporting Enzyme, by F. Kubowitz, E. Haas, 35 pp.

GRIGAN, per, Biochem Z. Vol CCLV, 1932, pp 247-277.

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Sci - Chemistry
Jun 57

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The Constitution of Adenylypyrophosphoric Acid,
Preparation of Adenylypyrophosphoric Acid and
Adenylic Acid Comparison of the Enzymatic
Deamination and Dephosphorylation of the
Preformed Adenylypyrophosphoric Acid in Triturated
Muscular Substance of the Frog, by K. Lohmann,
3 p.

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1932, Vol CCLIV, pp 381-397.

SLA 60-10462

Sci May 60 Vol 3, No 4

With Regard to the decomposition Spectrum of
Urease, by F. Kubowitz, E. Haas, 9 pp.

GITMAN, per, Biochem Z, Vol CCLVII, 1933,
pp 337-343.

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Sci - Chemistry
Jun 57

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Contribution to the Art of the Antiscorbutic
Vitamin (Vitamin C, Ascorbic Acid), by P. Karrer,
H. Salomon, R. Morf, K. Schopp, 15 pp.

GERMANY, per, Biochemische Zeitschrift, Vol CCLVIII,
No 1-4, 1933, pp 4-15.

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Jan 59

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Ag-activation of Animal Phosphatases at Low Enzyme
Concentrations, by Claes Hornberg, 4 pp.

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pp 154-157.

S.L.A. Tr No 204/1955

Sci - Biology, Chemistry
Jan 1957 CTB/dex

44, 927

(Rous Sarcoma of Chickens)
Inorganic Elements in Malignant Tissues, by Vladimir
Moravsek, 4 pp.

GERMAN, per, Biochem Zeit, Vol CCLVIII, 1933, pp 340-
346.

S.L.A. Tr No 417/1955

Sci - Biology
Jan 1957 CTS/dex

45, 803

Regarding the Decomposition of Nitrogen-Containing
Cyclic Compounds in the Light of the Quartz Lamp,
by F. Lieben, V. Getreuer, 8 pp.

GERMAN, per, Biochem Z. Vol CCLIX, 1933, p 1.

S.L.A. Tr 57-427

Sci - Chemistry
Jun 57

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Formation of Thiocyanogen in Animal Bodies. by K.
Lang.

GERMAN, per Biochem Z. Vol. 259, pp 243-246

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Sci -
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339-473

Chemical Reactions Caused by X-Rays and a Method
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17 pp.

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SLA Tr 82³/1995

Sci - Chem

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Jul 57

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Quantitative Proportion of the Muscle Proteins for the
Structure of the Cross-striated Rabbit Muscle., by
Klaus Meyer, 32 pp

GERMAN, per, Biochem. Zeitschrift, Vol CCLXXVII, 1933,
pp 137-152.

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Phosphatide Formation in the Intestines During
Fat Resorption, by H. Sullmann, W. Wilbrandt, 24 pp.

GERMAN, per, Biochem Z, Vol CCLXX, No 1, 1934,
pp 52-62.

NIH 1-3

Sci - Med

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Jan 58

On the Chemical Composition of Bacteriophage,
by H. Schlesinger.
GERMAN, for, Biochim. 2., 1934, pp. 275-306.
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Aug. 60

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Vitamin, Hormones, and Substances Influencing
Blood Coagulation, by E. Lustig, E. Wachtel,
12 p.

GERMAN, per, Biochem Zeit, 1934, Vol CCLXXI,
pp 357-369.

SLA 60-10464

Sci
Apr 60
Vol XII, No 3

112,164

Regarding the Problem of Chemical Composition
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R. Willheim, 12 pp.

GERMAN, per, Biochem Z. Vol CCLXXII, 1934,
pp 180,

SIA Tr 57-301

Sci - Chem; Med
Jul 57

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Toward the Question of the Influence of Ultraviolet
Rays on Peptone and Protein Solutions, by F. Lieben,
H. Jesserer, 11 pp.

GERMAN, per, Biochem Z, Vol CCLXXIV, 1935, p 367.

S.L.A. Tr 57-426

Sci - Chemistry
Jun 57

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On the Absorption of Germanium by Plants, by
W. Geilmann, K. Brunger, 11 pp.

GERMAN, per, Die Biochem Z. Vol CCLXXIV, 1935,
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NIH 3-11-62

199,760

Sci - Med

Jun 62

Fürth, Otto and Herrmann, Heinz.
COLOR REACTIONS OF TARTARIC ACID, CITRIC
ACID AND ACONITIC ACID. (1961) 13p 13refs
Order from S.L.A. \$1.60 63-20170

Trans. of Biochemische Zeitschrift (Germany) [1935]
v. 280, p. 448-457.

DESCRIPTORS: *Chemical indicators, *Colorimetry,
Carboxylic acids, Tartrates, *Citric acids, *Pyridines,
*Acetic anhydrides, Crystallization, Solubility,
*Biochemistry.

ALL Ref: 4528 HF (7108)
(Chemistry--Analytical, TT, v. 10, no. 12)

63-20170

1. Title: Aconitic acid
2. Title: Tartaric acid
- I. Fürth, O.
- II. Herrmann, H.

Office of Technical Services

Occurrence of Adenin-Nucleotides in the Tissues.
II. Heart Muscle, by K. Lohmann, Ph. Schuster, 2 p.

GERMAN, per, Part Trans, Biochem Zeit 1935,
Vol CCLXXXII, No 1/2, pp 104-108.

SLA 60-10479

Sci
Apr 60
Vol III, No 3

The Behavior of Δ -Arachnoidic Acid and Vitamin C
Toward Ferric Salts, by Kurt Maurer, Bruno
Schiestl, 5 p.

Chem. Ber., 1936, Vol. CXLIV, No. 1/2,
pp. 67-71.

SLA 60-10480

Sci
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The Occurrence of an Iodine-Containing Substance
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GERMAN, DDR, Biochemische Zeitschrift, 1936,
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SLA 52-17043

Sci
Dec 59
OES Vol 2, No 6

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Pyridine, the Hydrogen-Transferring Component of the
Fermentation Enzymes, (Pyridine-Nucleotide),
by Otto Warburg, Walter Christian, 6 p.

GERMAN, par, Partial Trans, Biochem Zeit, 1936,
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SLA 60-10481

Sci
Apr 60
Vol III, No 3

On the Action of "Kallikrein" on the Isolated
Intestine and On a New Peristaltic Substance,
by E. Werle, W. Gotze, A. Kappeler, 17 pp.

GERMAN, per, Biochem Z. Vol CXLXXXIX, 1937,
pp 22 217-233.

KH 3-72-62

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Sci Med

Jun 62

The Chemical Composition of Potato Oxidase, by
Fritz Kubowitz, 16 pp.
GERMAN, per, ~~xxx~~ Biochemische Zeitschrift, Vol
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K H 2304 a

Sci-B&M
Jul 66

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A New Method for Separation of Amino Acids,
by S. Przylecki, K. Kasprzyk, 15 pp.

GERMAN, per, Biochem Z, Vol CCLXXXIX, 1937,
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SLA Tr 57-291

Sci - Chem
Jul 57

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On the Colorimetric Determination of Uric
Acid, by A. Kern. E. Stransky.
GERMAN, per, Biochemische Zeitschrift, Vol 290,
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SLA TT-66-10142

Sci-B&M
June 66

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Cleavage and Resynthesis of Polyphenoloxidase
and Hemocyanin, by Fritz Kutowitz, 44 p.

GERMAN, per, Biochemische Zeitschrift, Vol
CCXCIX, 1938, pp 32-57.

K H 2304 b

Sci-B&M
Jul 1966

307,263

Further Information on the Intestine-
Contracting, Uterus-Stimulating, and Blood-
Pressure Lowering Substance "Dk", by E. Werle,
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MEH 3-68-62

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Sci - Med

Jun 62

Isolation of the Prosthetic Group of d-Amino Acid
Oxidase, by Otto Warburg, Walter Christen, 37 pp.

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No 3/4, 1938, pp 150-168.

SLA 10473

Sci
Jun 60
Vol III, No 5

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Regarding the Presence of D-Peptidases in
Normal and Carcinomatous Organs, by H. Bayerle,
P. H. Podlucky, 11 pp.

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SLA Tr 57-432

Sci - Med
Jul 57

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Secreted as Found in Alimentary Liquids. by
H. G. K. Krantz, 14 pp.

GERMAN, DET. Biochemische Zeitschrift, 1940,
Vol. CCCLV, No 1, pp. 115-124.

30A 014270

Bc1

Dec 61

Vol. III, No 10

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GERMAN, par, Biochemische Zeitschrift, Vol CCCV, 1940, pp 150-161. (UCRL-TN-57)

S.L.A. Tr 737/1955

Sci - Biology
Apr 1957 CTS/dex

5-11, 326

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Tissue, by H. Bayerle, G. Burger, 9 pp.

CHESMAN, per, Biochem Z, Vol CCCV, part 1, Nos
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SIA Tr ⁵ 47-431

Sci - Chemistry

Aug 57

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Takeuchi, Masayoshi

1941

On the decomposition of histidine (Über den Abbau des Histidins)

Biochem. Z., 24(1): 1-21. In German.

Transl. for NBRM, 16p., typescript.

Avail. on loan - NBRM, Wash., D.C.

Original Article Checked *UK*

The Separation of Biological Fatty Substances From
Their Natural Mixtures by the Use of Adsorption
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Full translation.

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Scientific - Medicine

May 53 CEE

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III. "α-Peptidase" in the Human Organism. "Kogl's
Tumor Theory" and "Stereochemical Analysis of
Proteins." Peptidases, by Eugen Baumann, Otto
Schmidt, 46 pp.

GERMAN, per, Biochemische Zeitschrift, Vol CCXX,
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OSB 66/Mar 1955

Separation of the Enzyme Which Causes 1- and 0,1-
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3 pp.

GERMAN, per, Biochemische Zeitschrift, Vol CXXXI,
1941/1942, pp 15-15. CIA D 151115

III

Scientific - Chemistry

22,226

128 66/mar 1955

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LEAF. 1962, 21 p.

Order from K-H 326.25

K-H 3923-c

Trans. of Hochsch[ulische] Zeit[schrift] (Germany) 1942,
v. 312, pp. 177-187.DESCRIPTORS: *Tobacco, *Nicotine, Decomposition,
Plants.

(Agriculture -- Plant Cultivation, TT, v. 7, no. 12)

- I. Enders, C.
- II. Glawe, R.
- III. K-H 3923-c
- IV. Kresge-Hooker Science
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Detroit, Mich.

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The Bioelement Uranium in the Plant and Animal Kingdoms as Well as in the Human Organism, by Joseph Hoffmann, 21 pp.

GERMAN, per, Biochem Z., Vol CCCCXIII, 1942, pp 377-387.

AEC Tr 2664

Sci - Biology; Chemistry
Jan 57 CTS

42, 2.08

Isolation and Crystallization of the
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Walter Christian, 39pp
GERMAN, per, Biochemische Zeitschrift, Vol 310,
1942, pp 384-421
SIA TT-64-16244

Sci - Chem
May 67

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Uranium Concentration of Related Organs: Hypophysis,
Thyroid, Generative Glands, Adrenal Gland and Pancreas,
by Joseph Hoffmann, 10 pp.

GERMAN, par, Biochem Z, Vol CCXIV, 1943, pp 26-30.

AEC Tr 2817

64, 086

Scientific - Medicine
Chemistry

The Mucolytic Enzyme of the Mammalian Testicle,
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Full translation.

GERMAN, per, Biochem Z, Vol CCCXV, 1943, pp 83-
95.

WII

Scientific - Chemistry Aug 53 CTS/DEK

4464

Compatibility of Synthetic Fat Produced From
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H. Kraut, A. Weischer, 11 pp.

GERMAN, per, Biochem Z, Vol CCCXVI, No 1/2,
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SLA 60 18329

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May 62

Heparin Complement and a Method of its
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Dyckerhoff, R. Marx, 8 pgs

GERMAN, per, Biochem Z. Vol CCCCXI,
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S.L.A. Trans 924

Sci - Medicine
Biology

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The Reduction of Hemoglobin, by Manfred Kiese,
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GRUBER, per, Biochem Zeit, 1944, Vol CCCXVI,
No 3/4, pp 264-294.

SLA 60-10486

Set
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Vol 3, No 4

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- II. Title: Oxidative...
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DESCRIPTORS: *Potassium, *Microanalysis, Chemical precipitation, Potassium compounds, *Borates, Complex compounds.

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Culture media, *Tuberculin, Separation,

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pH) under which Mycobacterium tuberculosis, var.
hominis supplies good yields of tuberculin-active sub-
stances in a synthetic medium are discussed and the
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